Form PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEY'S DOCKET NUMBER AM100485 TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, see **CONCERNING A FILING UNDER 35 U.S.C. 371** 图19549302 INTERNATIONAL FILING DATE INTERNATIONAL APPLICATION NO. PRIORITY DATE CLAIMED PCT/US2004/007673 11 March 2004 17 March 2003 TITLE OF INVENTION MUTANT CHOLERA HOLOTOXIN AS AN ADJUVANT AND AN ANTIGEN CARRIER PROTEIN APPLICANT(S) FOR DO/EO/US Michael HAGEN Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. П This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected by the expiration of 19 months from the priority date (Article 31). 4. A copy of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. b. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). П 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included 11. An Information Disclosure Statement under 37CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 35 CFR 3.28 and 3.31 is included. A preliminary amendment. 14 Ø An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825. 18 П A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. Other items or information: Rule 821(f) Statement, Paper copy of sequence listing, copy of International Search Report **CERTIFICATION UNDER 37 CFR §1.10** I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service on the date written below in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV100496605US addressed to the Mail Stop PCT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450. stumber 15, 2005

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The following fees are submitted: 54'9302							CALCULATIONS		PTO USE ONLY
21. 🛛 Basic National Fee						\$300		\$300.00	
22. 🛛 Examina									
If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)						\$100	200.00		
All other situations						\$200			
23. Search Fee									
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an international Searching Authority						\$100	400.00		
International Search Report prepared and provided to the Office						\$400			
All other situations						\$500			
TOTAL OF ABOVE FEES = \$900.00  Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.									
TOTAL SHEETS	EXTRA SHEETS	TRA SHEETS		ch or f	RATE				
	100 =	0 / 50	=	whole number 0		x \$250.00		0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 month the earliest claimed priority date (37 CFR 1.492(e)).								0.00	
CLAIMS	NUMBE	ER FILED	ΝU	MBER EXTRA	R	ATE			
Total claims	101	- 20 =		81	х	\$50.00		4,050.00	
Independent claims	6	- 3 =		3	×	\$200.00		600.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)  \$ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated a									
are reduced by 1/2.								0.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).								0.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment mu accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per project.								0.00	
TOTAL FEES EN								\$5,550.00	
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b))									
must be filed and granted to restore the application to pending status.									
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Re:

National Stage of PCT Application No. PCT/US2004/007673

Filed:

To Be Assigned Inventor(s): Michael HAGEN

Our Ref:

AM100485

Sir:

We enclose the following papers for entering the national stage in the USPTO for the above-captioned PCT application:

Transmittal Letter in duplicate (2 pages); Preliminary Amendment; Application Data Sheet (2 pages); Declaration and Power of Attorney Form (5 pages); Formal Drawings (9 pages); Information Disclosure Statement; Form 1449; References; Statement Under 37 CFR 1.821(f) (1 page); Paper Copy of Sequence Listing (4 pages); Computer Readable Disk of the Sequence Listing, and copy of PCT International Search Report.

Correspondence Address: Customer Number: 25291

Respectfully submitted,

Bill T. Brazil

Agent for Applicants Reg. No. 50,733

Wveth Patent Law Department Five Giralda Farms Madison, NJ 07940 Tel. No. 732-274-4843

**CERTIFICATE OF MAILING 37 CFR §1.10** 

I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service on the date written below in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV100496605US addressed to the Mail Stop PCT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

arolina Piorek